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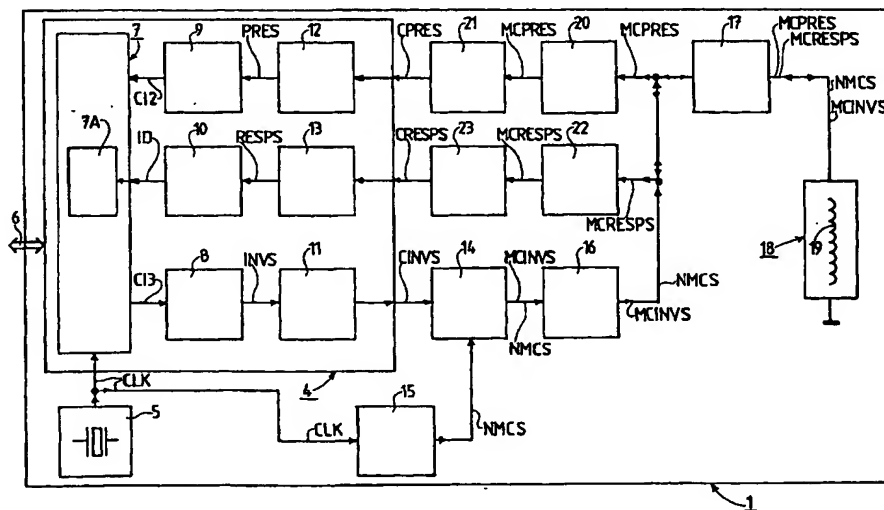
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**(54) Title: METHOD OF INVENTORYING TRANSPONDERS BY MEANS OF A COMMUNICATION STATION**



**(57) Abstract:** In a method of inventorying a plurality of transponders (2) by means of a communication station (1) communicating with the transponders (2) in contactless manner, the communication station (1) emits an unmodulated carrier signal (NMCS) in a communications range of the communication station (1) and each transponder (2) on entering the communications range then emits a presence-signaling signal (PRES) and the communication station (1) on receiving a presence-signaling signal (PRES) then emits an inventorying command signal (INVS) and each transponder (2) on receiving the inventorying command signal (INVS) then emits a response signal (RESPS) permitting inventorying of the transponder (2) and the communication station (1) on correctly receiving a response signal (RESPS) then undertakes inventorying of the relevant transponder (2).

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